We reckon *Surrey-Street* 27 Seconds in Time Weſt of the Royal Obſervatory at *Greenwich*.

Mr. *John Catlin* had a few Days before deliver'd me a Computation of this Eclipſe, corrected from two Places of the Moon, obſerv'd the 28th of *February* and the 2d of *March* 1729, correſponding pretty nearly with her preſent Situation; as likewiſe from the Star's Poſition, as I had rectify'd it from ſeveral late Obſervations; and this gave the

| | h | ′ |
|---|---|---|
| Immerſion at — — | 8 | 26½ |
| Emerſion — — | 9 | 30 |

J. Bevis.

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## VI. *An Obſervation of an* uncommon Gleam *of* Light *proceeding from the* Sun, *by Mr.* Peter Collinſon *F. R. S.*

*Read* March 19. 1746-7.

ON the 8th of *March* 1746-7, near 8 o' Clock in the Morning, as I was riding within three Miles of *Brentwood* in *Eſſex*, there appeared a ſingular *Phænomenon* in the Heavens; the Sketch (TAB. . *Fig.* .) may give ſome Idea of it.

The Morning was fine and clear, the Sun ſhone bright, no Cloud to be ſeen, but the Air a little hazy: Where the *Phænomenon* appeared, which was a bright cloudy Spot, ſeem'd a very ſmall Portion of a Rainbow,

a Rainbow, only the Colours very faint. It was in a horizontal Direction North of the Sun, and from it projected a long luminous Ray, which terminated in a Point. —— It continu'd very ſtrong for more than half an Hour after I ſaw it, and then vaniſh'd away by degrees.

P. Collinſon.

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## VII. *Extract of a Letter from Mr.* Benjamin Cooke *F.R.S. to Mr.* Peter Collinſon *F.R.S. concerning the Property of* new Flanel *ſparkling in the dark.*

*Newport, Iſle of Wight,* Jan. 13. 1746-7.

*Read* March 19. 1746-7.

SINCE I have read the *Tranſaction* N°. 476. with reſpect to the ſparkling Lady, who could communicate a kind of electrical Fire to her Garments, I can give you an Inſtance nearly like it, of a Lady who was ſurpriſed at ſuch an Appearance from a Flanel Petticoat, which ſhe happen'd to ſhake in the dark. But at laſt we found, that new Flanel, after ſome time wearing, would acquire this Property; but that it loſt it by being *waſhed*.

Fig. 2.

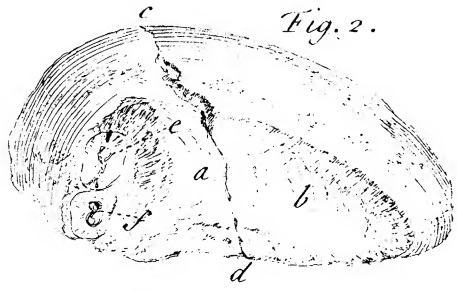



Fig. 5.

p. 454.

p. 454.

Fig. 3.

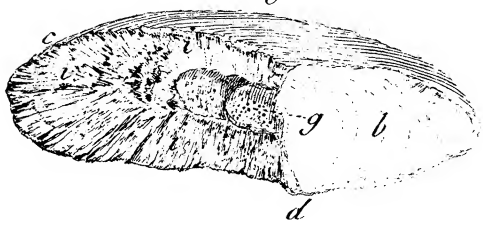



Fig. 4.

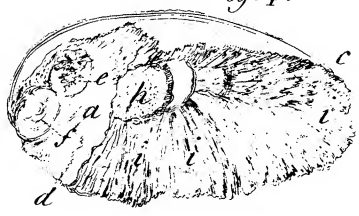


Fig. 1. p. 451.

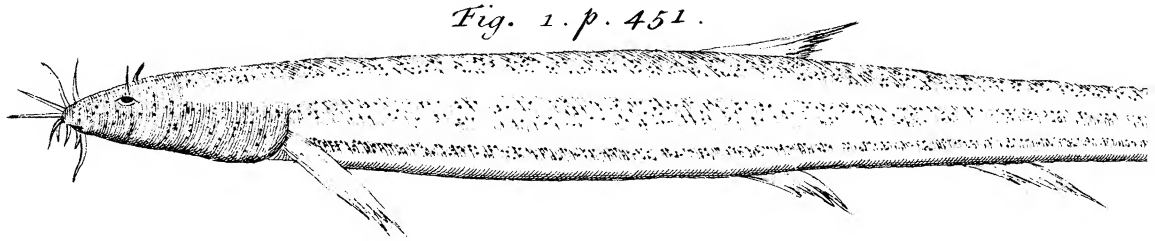
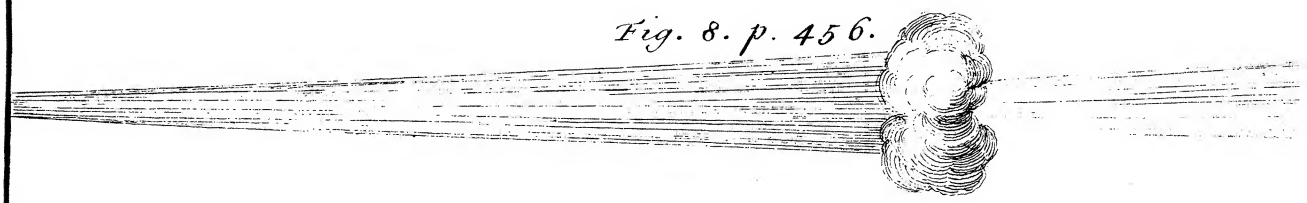


Fig. 8. p. 456.



*rans. N°. 483.* TAB. II.

*Fig. 6.*

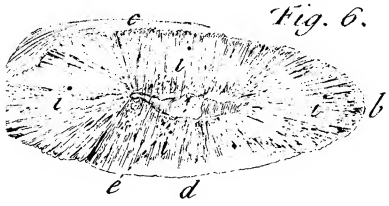
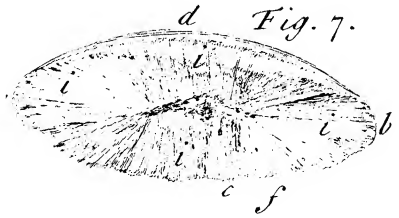
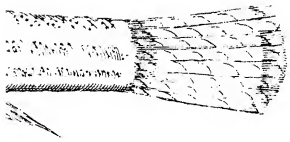



*Fig. 7.*



*J. Mynde sc.*

Philos. Trans. N° 483 TAB II

Fig 3

Fig 5

Fig 6

p 454

Fig 2

Fig 4

p 454

Fig 7

Fig 1 p 451

Fig 8 p 456